

Laminate flooring | wineo 500 to click FoldDown



wineo 500 laminate flooring is a high-quality, multi-layer flooring with a hard-wearing melamine resin top layer in various formats and looks. For more information, please refer to the technical specifications in our product collections.

Important general information

Always store **wineo 500 laminate flooring** in a dry place. The film is not a substitute for a dry storage location and does not provide permanent protection against moisture.

Before processing, make sure that the delivered goods are in perfect condition. Goods that have been cut to size or laid are not subject to complaint. Before installation, the goods must be checked for color and batch uniformity. Only install tiles or planks of the same batch in the same room. The relevant national standards, guidelines, and regulations as well as the technical references and recognized rules of the trade apply to the installation of **wineo 500 laminate flooring**.

Substrate condition

The substrate must be level, load-bearing and permanently dry. The maximum height tolerance must not be exceeded 3mm per linear meter or, in the case of tile edges, 1mm per 10cm.

Substrates

wineo 500 laminate flooring can be installed floating on all types of screeds, on existing vibration-free wood, plank and chipboard flooring, on PVC, plastic coverings and linoleum, on stone, ceramic and marble floors. Textile floor coverings and needlefelt must be removed. Generally, the removal of old floor coverings is recommended to counteract interactions and irritations. To level out unevenness, the application of a suitable leveling compound is recommended. Please observe the instructions of the building material suppliers. Substrates not listed require approval by Windmüller GmbH.

Note: The flooring installer shall raise concerns during his inspection prior to installation of the flooring.

In particular in the case of:

- major unevenness,
- cracks in the subfloor,
- insufficiently dry subfloor,
- insufficiently firm, too porous and too rough surface of the subfloor,
- contaminated surface of the substrate, e.g. by oil, wax, varnish, paint residues,
- incorrect height of the surface of the substrate in relation to the height of adjacent components,
- unsuitable temperature of the substrate,
- unsuitable room climate,
- missing heating protocol in case of heated floor constructions,
- missing protrusion of the edge insulation strip,
- missing marking of measuring points in case of heated floor constructions
- missing joint plan.

Underfloor heating:

When laying **wineo 500 laminate flooring**, EN 1264-2 (underfloor heating systems and components) must be taken into account. The surface temperature should not exceed 27°C permanently. If other underfloor heating systems are used, please consult the application engineering department of Windmüller GmbH.

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Tools for laying (1):

- folding rule / tape measure
- spacer
- pencil / parallel tracer
- angle
- punch / jigsaw



Acclimatization (2):

The **wineo 500 laminate flooring** should be acclimatized horizontally for at least 24-48 hours before installation, unopened in small stacks of max. 3 packages, in the rooms to be installed or adjacent rooms under the following conditions!

Room climatic conditions:

- room air temperature > 18°C (but not more than 26°C).
- floor temperature > 15°C (but not more than 25°C)
- relative humidity should be between 50% and 65% max.



Acoustic / impact sound underlayment

Depending on the existing subfloor, underlays can have a decisive influence on living comfort. Some collections already have an integrated impact sound insulation carpet pad, for all other collections please use one of the original wineo acoustic/impact sound underlays.

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Generally, an additional vapor retarder (3) in the form of a PE film with an SD value $\geq 75\text{m}$ is required on mineral subfloors. The vapor retarder is laid underneath the intermediate layer. The overlaps are to be connected with a suitable sealing tape in a moisture-barrier manner. In the case of rooms without basements, vaulted ceilings or passageways, a suitable structural sealant must be applied. This also applies to installations above rooms with particularly high humidity or for installations directly on concrete.



Subsequently, use the footfall and walking sound reducing insulating underlays recommended by Windmüller. For floor coverings with a laminated insulating carpet pad, also proceed as described above. Insulation underlays reduce sound transmission to other rooms, reduce footfall noise and thus significantly improve living comfort. The CS value (compressive strength) of insulation underlays should be at least $\geq 90\text{ kPa}$.

The installation of the wineo 500 laminate flooring

Movement joint / edge distances:

Movement joint: at least 10mm wide.

Tip: Use leftover pieces of the flooring as spacers. Also observe a distance of 10mm to all fixed objects in the room, such as pipe ducts, door frames, etc.! This movement joint must not be covered with silicone, electric cables or similar!

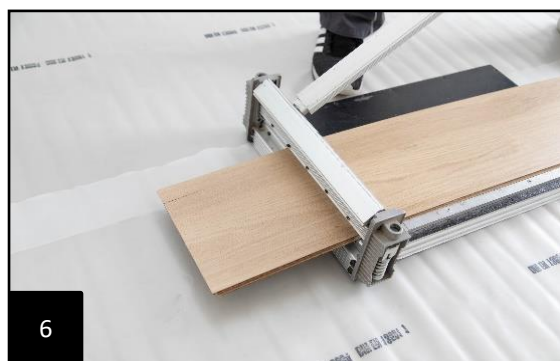
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Lay the panels with the face towards the main light source of the room. You can significantly improve the inherent stability of the installed floor by laying long, narrow rooms lengthwise.

Always work from left to right in the laying area (4). In doing so, the tongue sides of the panels face the wall. Make sure that the tongue and groove head joints fit exactly over each other and lock them with light pressure until they snap into place.

Now mark (5) the element to be inserted at the end of the room and cut (6) it to fit exactly so that the edge distance of at least 10 mm is ensured.



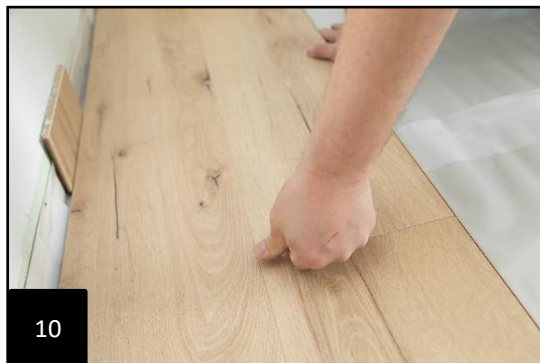
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To lay the subsequent rows, place the remaining panel of the first row, at least 30cm long, in the longitudinal groove of the row already lying flat at an angle of approx. 30° and lower it against the front row with slight pressure (8). Take the following panel, guide it lengthwise at an angle of also 30° into the panel of the first row that is already lying flat on the floor, guiding it as close as possible to the head side (9) of the previously laid panel and locking it as described above (10). This technique is used to lay the entire remaining row and remaining surfaces. To lay the last row, measure the distance between the wall and the laid row and transfer it to the panel.

If possible, the last laying row should correspond to half a panel width. Remember about the 10mm wide movement joint.



Movement profiles in the surface

Rooms with an uninterrupted area of 150m² can be laid without joints, taking into account the double edge distance (approx. 10mm). A side length of approx. 12.50m should not be exceeded. Suitable movement profiles should be used for very narrow, long rooms. Room areas that are interrupted by rising building components (pillars, partition walls, doorways, etc.) should be separated by placing movement joints (at least 10mm, depending on the size of the area) at the height of the building components. When installing skirting boards, transition, or end profiles, it must be taken into account that the skirting boards or profiles must never be fastened to the floor covering!

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Important instructions for completing the installation

- Remove all spacers!
- Seal movement joints/pipe penetrations etc. with profiles/rosettes or with a suitable filling cord and joint sealant.
- Laminate floors must not be fixed on site at any time. The floor covering must not be fixed to the subfloor or to furniture or other fixed installation parts.

Special features and exceptional situations

- The use of **wineo 500 laminate flooring** is to be considered critical due to extreme fluctuations in the room climate and requires separate coordination and approval by Windmöller GmbH.
- When using permanently elastic sealants, first fill the joint areas with a joint sealing tape (see accessories, part no. 20080300). Now close the joint with silicone compound so that a two-flank adhesion is created. Permanently elastic sealed joints are to be regarded as maintenance joints and must be regularly checked for functional capability and renewed if necessary.
- In order to prevent material changes/damage, adequate shading must be provided when laying in areas exposed to strong sunlight.
- At fireplaces and tiled stoves, a sufficiently dimensioned "radiation barrier" (e.g., glass or metal base plates) must be provided. The size varies depending on the heating capacity of the fireplace or tiled stove. Please observe the specifications of your stove builder / chimney sweep here.
- For furnishings with high static pressure loads, sufficient load distribution (e.g., load distribution plates) must be provided according to the weight.

Please note that the contractor has a maintenance obligation (protection of the floor covering against damage by subsequent trades) for a completed but not yet accepted trade.

Through partial acceptance, the maintenance obligation for the accepted areas is transferred to the client.

Cleaning and maintenance

Please refer to our detailed cleaning and cleaning agent recommendations at www.wineo.de!

These instructions do not claim to be complete.

With the publication of these installation instructions (as of 12/2021), all previous versions lose their validity.